Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
NOVEMBER 1983

Summary: Unemployment in Ohio totaled 566,000 in November, representing 11.0 percent of the civilian labor force--up slightly from the 550,000 (10.6 percent) for October. Total employment slipped .6 percent, to 4,598,000. Recalls of factory workers and seasonal gains in retailing boosted nonfarm payroll employment to 4,188,000.

Factory Employment: Manufacturing employment in Ohio advanced .5 percent from October, to 1,120,000 in November. More orders led to gains in the production of steel castings and basic steel products. Producers of motor vehicles and stamped-metal auto parts also reported stepped-up production at several facilities in November. Employment in nonelectrical machinery was up due to recalls in the production of refrigeration equipment and a dispute settlement in metalworking machinery. Employment in food processing dipped due to seasonal declines in vegetable canning.

Nonmanufacturing Employment: Employment in Ohio's nonmanufacturing industries totaled 3,068,000 in November, fractionally above the previous month. Retailing rose seasonally as merchants began preparations for their year-end business rush. Government increased as several public schools added nonfaculty personnel. Gains were moderated, however, by seasonal downturns in construction and outdoor amusements, and by a sizable labor dispute in the passenger transportation industry.

Factory Earnings: Average weekly earnings of Ohio's factory production workers rose $7 from October, to a record $457.30 in November. The average workweek, at 42.5 hours, was longer by half an hour. More overtime boosted earnings in the production of electrical industrial apparatus, aircraft components, and iron and steel castings. Producers of fabricated metal products--notably, metal fasteners and plumbing and heating supplies--also reported stepped-up overtime. Higher earnings in the production of baked goods were attributable to wage-rate increases. Producers of communication equipment, nonferrous castings, and construction machinery, on the other hand, reported overtime curtailments.

Over the year: Unemployment in Ohio dropped by nearly 150,000 between November 1982 and November 1983, lowering the jobless rate by three full percentage points (14.0 to 11.0 percent). Total employment increased 5.0 percent during this period as nonfarm payrolls advanced 1.6 percent. Manufacturing accounted for about 95 percent of the increase, as employment in motor vehicle production rose by nearly one-third over the year. Nonmanufacturing remained on par with its 1982 level as gains in services, finance, and government offset losses elsewhere. Factory production workers averaged $48 more per week than in November 1982 as their average workweek was extended by 2.3 hours.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron.--Nonagricultural wage and salary employment in Akron, at 256,000 in November, was up 1,000 from October. Pre-holiday increases in retail stores boosted nonmanufacturing. Factory employment rose 400, to 68,500. The workweek and gross earnings for manufacturing production workers, at 43.5 hours and $10.85 per hour in November, were .3 hours and 3¢ above October averages.

Canton.--Nonfarm wage and salary employment in Canton rose 600 from October, to 150,700 in November. Recalls of workers in primary metals boosted factory employment to 46,700, up 500 from October. In nonmanufacturing, seasonal hiring among retail establishments was moderated by shrinkage in construction industries. Average earnings of manufacturing production workers, at $10.84 per hour, were 6¢ above October. The average workweek--40.7 hours--was .5 hours longer.

Cincinnati.--Employment in Cincinnati nonfarm industries totaled 583,500 in November, up 2,100 from October. Nonmanufacturing accounted for three-fourths of the gain, due to seasonal growth in retail trade and school and college employment. Scattered increases lifted manufacturing 500, to 149,300 for the month. Factory production workers averaged 41.8 hours per week in November, up half an hour from October. Their hourly earnings, at $10.34, were up 11¢ per hour.

Cleveland.--Nonagricultural wage and salary employment in Cleveland, at 838,300 in November, was 900 above October. Factory employment advanced 1,000, to 216,600, with gains scattered mainly among durable-goods industries. Nonmanufacturing slipped slightly, as seasonal increases in public schools and retailing were offset by declines in services and construction and by a labor-management dispute in transportation. Hourly earnings and weekly hours of factory production workers--$10.61 and 41.9 hours--were 6¢ and .4 hours above October averages.

Columbus.--Employment in Columbus nonfarm industries rose 1,100 from October, to 514,100 in November. Increases in durable goods were moderated by losses in nondurable goods, for a slight net gain in manufacturing, to 90,500. In nonmanufacturing, seasonal hiring in retail trade was moderated by declines in construction and services. Manufacturing production workers grossed $10.13 per hour--up slightly from October--for a workweek of 41.6 hours, up .6 hours for the month.

Dayton.--Employment in the Dayton area's nonfarm industries rose 1,500 from October, to 343,400 in November. Two-thirds of the increase occurred in manufacturing--up 1,000 to 90,200 for the month. In nonmanufacturing, seasonal growth in retail trade was partially offset by decreases in services and construction, also seasonal. The workweek of factory production workers, at 42.9 hours, was slightly longer, while their hourly earnings, at $10.91, were 5¢ per hour higher.

Toledo.--November wage and salary employment in Toledo nonagricultural industries, at 292,500, was 900 above October. Most of the increase was in manufacturing industries, particularly among durable-goods producers. Nonmanufacturing gained slightly, as seasonal increases in retail trade were tempered by seasonal shrinkage in services and construction. Production workers in factories grossed $11.54 per hour for a workweek of 44.5 hours, compared with $11.43 and 43.9 hours in October.

Youngstown-Warren.--Payroll employment in Youngstown-Warren nonagricultural industries, at 185,900 in November, was 600 above October. Most of the increase occurred in nonmanufacturing, due to gains among schools and college. Manufacturing employment rose fractionally, to 56,300. Production workers in factories averaged $12.51 per hour, down 7¢ from October. Their average workweek slipped slightly to 43.7 hours.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 12-16-83

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1972	248.1	139.8	512.0	838.0	431.6	325.5	272.4	201.1
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	203.5
1977	259.3	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	509.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	250.8	149.7	575.5	847.5	497.9	337.0	282.2	182.2
1982								
November.	251.7	147.9	576.9	840.5	503.8	335.7	284.6	177.3
December.	250.4	147.3	574.8	837.3	504.0	336.4	282.8	177.8
1983								
January .	243.4	144.5	561.1	815.6	491.5	330.3	277.4	175.6
February.	245.9	144.6	558.8	816.5	492.0	330.6	275.8	176.2
March ...	247.0	145.0	561.7	820.8	494.2	332.3	274.4	179.5
April ...	248.9	146.6	570.4	825.8	497.9	334.0	279.8	181.0
May	251.5	148.1	574.4	831.3	501.4	335.6	284.4	183.5
June	247.5	149.0	576.4	840.2	504.2	337.0	283.1	183.2
July	250.2	148.7	570.7	834.5	498.5	330.8	279.5	182.8
August ..	249.1	148.0	569.6	827.4	496.8	330.8	279.5	181.3
September	256.1	150.3	578.2	836.6	505.2	340.3	289.4	186.3
October .	255.0	150.0	581.5	837.5	513.2	341.9	291.7	185.3
November.	256.0	150.7	583.5	838.3	514.1	343.4	292.5	185.9
	MANUFACTURING EMPLOYMENT (in thousands)							
1972	91.3	57.4	155.9	273.9	100.8	114.3	88.8	87.9
1973	94.0	61.7	165.5	284.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	79.4
1979	85.6	59.1	173.1	276.3	101.1	109.5	88.6	79.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.8	48.2	147.2	224.1	86.7	87.9	68.8	53.4
1982								
November.	66.5	45.2	147.0	213.7	85.7	82.9	66.8	47.6
December.	65.3	44.7	145.0	210.3	84.6	83.4	65.4	48.6
1983								
January .	66.2	45.0	143.8	210.3	84.7	84.0	66.4	50.0
February.	67.1	45.3	142.6	210.5	85.8	84.7	65.5	50.9
March ...	67.0	45.2	142.7	210.7	85.9	85.1	62.7	53.7
April ...	67.3	45.3	143.8	210.8	86.6	85.8	66.2	54.3
May	67.2	45.7	143.6	211.4	86.9	86.2	68.3	54.8
June	67.0	46.4	145.0	212.4	87.2	86.5	69.4	54.3
July	67.6	46.4	144.5	210.8	87.2	85.7	69.4	55.0
August ..	67.7	46.1	146.4	211.1	88.0	86.6	70.5	54.3
September	68.0	46.6	145.9	214.6	89.0	89.1	73.3	56.4
October .	68.1	46.2	148.8	215.6	90.4	89.2	73.7	56.2
November.	68.5	46.7	149.3	216.6	90.5	90.2	74.4	56.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties.

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Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1972	53.5	42.2	110.7	188.7	71.0	83.4	63.8	70.2
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	63.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	37.2	33.7	96.1	142.5	55.6	55.8	45.1	38.5
1982								
November.	35.3	31.4	96.5	135.0	54.3	51.4	43.8	33.5
December.	34.5	30.8	94.5	132.1	53.4	52.1	42.5	34.3
1983								
January .	35.4	31.2	93.3	132.0	53.6	52.6	43.5	35.6
February.	36.2	31.5	92.2	132.4	54.6	53.3	42.7	36.4
March ...	36.2	31.6	92.4	132.7	54.7	53.7	40.0	39.0
April ...	36.7	31.6	93.3	133.2	55.4	54.4	43.5	39.6
May	36.7	32.0	93.1	134.2	55.7	54.8	45.5	40.1
June	36.4	32.7	94.1	135.2	56.1	55.1	46.5	40.0
July	36.9	32.7	93.8	133.3	56.0	54.0	46.4	40.6
August ..	37.2	32.5	95.7	134.1	56.7	54.7	47.6	39.7
September	37.5	33.0	95.3	137.8	57.6	57.3	50.1	42.0
October .	37.7	32.6	98.1	138.8	58.9	57.7	50.7	41.8
November.	38.1	33.1	98.9	139.9	58.9	58.6	51.4	41.9
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1972	42.1	40.6	41.9	42.3	40.4	42.5	42.0	41.2
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1982								
November.	41.2	38.3	41.4	39.2	40.3	39.2	41.3	39.6
December.	41.6	39.1	41.5	39.9	40.5	40.3	41.1	40.3
1983								
January .	42.5	38.7	40.4	39.8	39.9	40.0	41.5	40.1
February.	42.5	38.6	40.4	39.8	40.0	40.2	41.6	40.6
March ...	43.3	39.1	40.8	40.1	40.4	40.8	42.0	41.1
April ...	42.5	39.5	40.8	40.4	40.2	41.1	42.5	41.3
May	42.6	38.9	40.8	40.6	40.3	41.1	42.7	42.4
June	42.3	39.8	41.3	41.3	40.8	42.0	42.2	41.4
July	42.4	38.8	40.9	40.6	40.5	42.1	41.9	42.7
August ..	42.9	39.2	40.8	41.0	40.5	42.1	42.6	41.3
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October .	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	43.5	40.7	41.8	41.9	41.6	42.9	44.5	43.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties. [k]Not comparable to prior data due to change in sample composition.

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1972	$ 4.68	$ 4.48	$ 4.15	$ 4.50	$ 4.06	$ 4.74	$ 4.67	$ 4.88
1973	4.99	4.80	4.44	4.83	4.36	5.00	5.01	5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1982								
November.	9.95	10.44	9.78	10.19	9.50	9.89	11.01	11.65
December.	10.06	10.52	9.84	10.26	9.57	10.05	11.00	12.01
1983								
January .	10.21	10.56	9.85	10.29	9.62	10.16	11.10	12.00
February.	10.21	10.62	9.93	10.28	9.70	10.23	11.12	12.22
March ...	10.34	10.41	10.01	10.25	9.76	10.31	10.99	12.21
April ...	10.24	10.39	10.06	10.31	9.87	10.35	11.14	12.22
May	10.35	10.53	10.10	10.42	9.90	10.47	11.29	12.45
June	10.34	10.63	10.11	10.49	10.01	10.56	11.14	12.33
July	10.35	10.59	10.12	10.43	10.04	10.72	11.16	12.54
August ..	10.40	10.75	10.18	10.42	9.95	10.58	11.25	12.25
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.61	10.13	10.91	11.54	12.51
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1972	$197.03	$181.89	$173.89	$190.35	$164.02	$201.45	$196.14	$201.06
1973	214.57	196.80	187.37	208.66	177.89	216.50	215.93	226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	282.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1982								
November.	409.94	399.85	404.89	399.45	382.85	387.69	454.71	461.34
December.	418.50	411.33	408.36	409.37	387.59	405.02	452.10	484.00
1983								
January .	433.93	408.67	397.94	409.54	383.84	406.40	460.65	481.20
February.	433.93	409.93	401.17	409.14	388.00	411.25	462.59	496.13
March ...	447.72	407.03	408.41	411.03	394.30	420.65	461.58	501.83
April ...	435.20	410.41	410.45	416.52	396.77	425.39	473.45	504.69
May	440.91	409.62	412.08	423.05	398.97	430.32	482.08	527.88
June	437.38	423.07	417.54	433.24	408.41	443.52	470.11	510.46
July	438.84	410.89	413.91	423.46	406.62	451.31	467.60	535.46
August ..	446.16	421.40	415.34	427.22	402.98	445.42	479.25	505.93
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	471.98	441.19	432.21	444.56	421.41	468.04	513.53	546.69

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
AKRON[b]				
1972	282.2	267.3	14.8	5.3
1973	287.1	274.9	12.2	4.3
1974	290.8	277.7	13.0	4.5
1975	292.0	264.3	27.7	9.5
1976	291.3	266.3	25.0	8.6
1977	294.2	274.7	19.5	6.6
1978	298.9	282.2	16.7	5.6
1979	303.6	285.4	18.4	6.1
1980	304.5	278.3	26.2	8.6
1981	304.1	274.9	29.1	9.6
1982	305.8	269.4	36.4	11.9
1982				
October	309.3	271.0	38.3	12.4
November	304.7	264.7	39.9	13.1
December	304.5	262.9	41.6	13.7
1983				
January	296.9	252.3	44.6	15.0
February	297.1	254.7	42.5	14.3
March	301.8	261.4	40.4	13.4
April	306.7	267.5	39.2	12.8
May	311.6	271.5	40.1	12.9
June	311.8	272.9	38.9	12.5
July	319.1	285.2	33.9	10.6
August	315.2	282.9	32.3	10.2
September	311.8	277.9	33.9	10.9
October[p]	314.9	280.9	34.0	10.8
CINCINNATI[d]				
1972	561.0	529.0	32.0	5.7
1973	572.0	543.0	29.0	5.1
1974	595.3	569.8	25.5	4.3
1975	595.3	551.6	43.6	7.3
1976	604.8	566.6	38.2	6.3
1977	623.4	588.7	34.7	5.6
1978	648.3	615.8	32.5	5.0
1979	663.4	628.1	35.3	5.3
1980	676.2	628.6	47.5	7.0
1981	678.5	619.3	59.1	8.7
1982	682.0	610.4	71.6	10.5
1982				
October	690.0	614.8	75.2	10.9
November	677.5	602.5	75.0	11.1
December	673.3	598.8	74.5	11.1
1983				
January	661.5	580.1	81.3	12.3
February	655.9	577.2	78.7	12.0
March	667.6	590.2	77.6	11.6
April	674.9	604.1	70.8	10.5
May	683.3	609.9	73.4	10.7
June	694.4	620.1	74.3	10.7
July	697.9	632.7	65.2	9.3
August	693.0	629.8	63.2	9.1
September	683.3	616.6	66.7	9.8
October[p]	690.0	627.6	62.4	9.0
CANTON[c]				
1972	165.6	155.3	10.3	6.2
1973	171.2	163.1	8.1	4.7
1974	175.6	167.5	8.1	4.6
1975	174.7	158.0	16.7	9.6
1976	174.4	158.6	15.8	9.1
1977	175.9	163.1	12.9	7.3
1978	179.9	170.0	9.9	5.5
1979	184.3	173.7	10.6	5.7
1980	187.7	170.9	16.8	8.9
1981	188.4	170.1	18.2	9.7
1982	192.5	165.1	27.4	14.3
1982				
October	195.8	163.9	31.8	16.3
November	192.9	160.0	32.9	17.1
December	191.0	159.0	32.0	16.8
1983				
January	187.4	153.9	33.5	17.9
February	186.5	154.0	32.5	17.4
March	189.0	157.9	31.1	16.5
April	191.6	161.7	29.9	15.6
May	194.6	164.2	30.3	15.6
June	196.7	167.9	28.8	14.6
July	198.0	173.7	24.3	12.3
August	196.2	172.1	24.1	12.3
September	192.0	167.6	24.4	12.7
October[p]	194.4	169.7	24.7	12.7
CLEVELAND[e]				
1972	873.2	825.2	48.0	5.5
1973	883.9	849.0	34.9	3.9
1974	899.1	861.4	37.7	4.2
1975	896.9	826.3	70.6	7.9
1976	897.7	834.4	63.3	7.0
1977	908.5	854.4	54.0	5.9
1978	921.7	878.5	43.2	4.7
1979	935.8	889.1	46.7	5.0
1980	937.1	869.1	68.0	7.3
1981	933.9	854.0	79.8	8.5
1982	933.7	833.8	100.0	10.7
1982				
October	939.9	829.2	110.7	11.8
November	926.6	811.3	115.3	12.4
December	921.5	807.1	114.3	12.4
1983				
January	895.2	776.5	118.7	13.3
February	893.4	776.7	116.7	13.1
March	913.3	797.9	115.5	12.6
April	923.2	813.0	110.2	11.9
May	935.7	821.5	114.1	12.2
June	961.0	843.8	117.3	12.2
July	968.7	869.0	99.7	10.3
August	959.1	860.8	98.3	10.3
September	931.8	832.1	99.8	10.7
October[p]	940.8	843.8	97.0	10.3

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties. [p]Preliminary.

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
COLUMBUS[f]				
1972	469.1	450.2	18.9	4.0
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	568.8	518.0	50.8	8.9
1982				
October	574.9	523.8	51.2	8.9
November ...	567.1	513.4	53.6	9.5
December ...	564.0	512.3	51.8	9.2
1983				
January	548.2	492.8	55.4	10.1
February ...	547.5	493.6	53.9	9.9
March	561.1	507.3	53.8	9.6
April	570.5	517.7	52.8	9.3
May	577.9	524.0	53.9	9.3
June	592.9	535.7	57.2	9.7
July	600.6	549.7	50.9	8.5
August	593.7	546.3	47.4	8.0
September ..	581.0	531.8	49.2	8.5
October[p] ...	597.0	547.6	49.4	8.3
TOLEDO[h]				
1972	329.4	311.3	18.1	5.5
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1982				
October	374.3	326.6	47.7	12.8
November ...	367.5	318.9	48.6	13.2
December ...	368.8	316.2	52.6	14.3
1983				
January	359.5	307.3	52.2	14.5
February ...	360.3	306.6	53.7	14.9
March	366.0	311.0	55.0	15.0
April	368.7	320.7	47.9	13.0
May	379.0	328.3	50.7	13.4
June	381.1	332.5	48.6	12.8
July	383.8	339.3	44.5	11.6
August	381.5	337.3	44.2	11.6
September ..	377.7	334.7	43.0	11.4
October[p] ...	382.2	340.6	41.6	10.9

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
DAYTON[g]				
1972	353.5	336.2	17.3	4.9
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	20.3	5.5
1978	381.1	363.7	17.3	4.6
1979	392.2	367.9	24.2	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.1	347.0	44.2	11.3
1982				
October ..	393.4	348.3	45.2	11.5
November .	386.5	338.7	47.8	12.4
December .	385.3	338.5	46.8	12.1
1983				
January ..	375.8	327.8	47.9	12.8
February .	374.6	328.3	46.3	12.4
March	381.7	337.5	44.2	11.6
April	386.2	343.8	42.3	11.0
May	388.9	347.4	41.5	10.7
June	398.8	354.5	44.3	11.1
July	399.1	361.6	37.6	9.4
August ...	396.3	359.1	37.2	9.4
September.	390.4	354.5	35.9	9.2
October[p] .	395.4	360.6	34.8	8.8
YOUNGSTOWN-WARREN[i]				
1972	226.9	212.1	14.8	6.5
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.7	191.5	46.2	19.4
1982				
October ..	239.2	190.6	48.5	20.3
November .	237.7	183.0	54.7	23.0
December .	234.2	183.1	51.1	21.8
1983				
January ..	226.6	178.1	48.4	21.4
February .	223.8	178.7	45.1	20.1
March	227.9	186.2	41.7	18.3
April	229.9	190.3	39.5	17.2
May	234.3	193.8	40.5	17.3
June	237.1	196.8	40.4	17.0
July	237.7	203.6	34.1	14.3
August ...	237.4	200.9	36.5	15.4
September.	231.9	198.1	33.7	14.5
October[p] .	232.5	200.7	31.8	13.7

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties. [p]Preliminary.

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CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1972	4,510	4,261	249	5.5	5.6
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,087	4,660	426	8.4	7.1
1981	5,099	4,607	492	9.6	7.6
1982	5,122	4,481	640	12.5	9.7
1982					
November.	5,088	4,378	710	14.0	10.4
December.	5,058	4,344	714	14.1	10.5
1983					
January .	4,942	4,204	738	14.9	11.4
February.	4,925	4,212	713	14.5	11.3
March ...	5,027	4,339	688	13.7	10.8
April ...	5,088	4,435	653	12.8	10.0
May	5,166	4,502	664	12.9	9.8
June	5,267	4,595	672	12.8	10.2
July	5,302	4,723	579	10.9	9.4
August ..	5,244	4,679	565	10.8	9.2
September	5,123	4,555	568	11.1	8.8
October .	5,176	4,626	550	10.6	8.4
November.	5,164	4,598	566	11.0	8.1

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1972	3,938.3	1,346.8	2,591.5
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,138.7	1,103.6	3,035.1
1982			
November.	4,121.4	1,056.9	3,064.5
December.	4,102.5	1,043.9	3,058.6
1983			
January .	4,012.3	1,051.7	2,960.6
February.	4,015.0	1,056.2	2,958.8
March ...	4,036.2	1,059.4	2,976.8
April ...	4,076.0	1,069.4	3,006.6
May	4,114.2	1,074.8	3,039.4
June	4,127.4	1,078.7	3,048.7
July	4,092.8	1,076.7	3,016.1
August ..	4,085.6	1,089.3	2,996.3
September	4,167.2	1,109.0	3,058.2
October .	4,180.3	1,114.0	3,066.3
November.	4,187.6	1,119.9	3,067.8

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1972	22.7	165.1	222.9	189.6	626.7	163.8	611.7	589.1
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	703.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.7	135.5	207.6	229.3	707.3	206.4	859.7	658.6
1982								
November.	30.3	142.2	204.6	229.0	718.4	206.8	865.8	667.3
December.	29.0	129.5	203.6	229.0	730.4	207.3	861.7	668.2
1983								
January .	28.6	112.8	195.5	226.3	687.3	205.8	847.0	657.3
February.	28.1	108.8	194.7	225.3	675.0	205.5	853.5	668.0
March ...	27.3	112.7	195.0	226.1	680.4	205.8	859.6	669.9
April ...	27.2	118.8	196.0	226.9	692.0	206.7	872.5	666.6
May	27.6	126.6	197.7	227.3	702.6	207.5	880.2	669.9
June	29.3	133.0	198.9	228.2	706.4	209.7	889.3	653.8
July	29.9	138.0	199.0	228.0	703.2	210.7	884.3	623.1
August ..	29.8	139.4	182.9	227.9	705.7	210.7	883.9	615.8
September	30.0	141.7	198.5	227.8	708.2	210.3	892.1	649.7
October .	29.9	142.1	198.4	228.2	703.1	210.0	888.9	665.7
November.	29.7	138.2	196.9	227.6	711.1	210.0	884.2	670.0

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

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EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1972	1,346.8	948.8	398.0	979.2	$181.3	40.7
1973	1,426.3	1,018.2	408.1	1,046.7	210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,103.6	755.4	348.3	738.1	298.0	29.6
1982						
November.	1,056.9	713.1	343.8	698.2	285.5	28.1
December.	1,043.9	701.7	342.2	687.1	286.7	28.0
1983						
January .	1,051.7	712.5	339.2	695.0	288.5	28.0
February.	1,056.2	715.7	340.5	700.2	293.6	28.3
March ...	1,059.4	719.1	340.3	703.7	298.6	28.7
April ...	1,069.4	728.0	341.5	713.7	306.8	29.3
May	1,074.8	733.1	341.7	719.6	310.8	29.6
June	1,078.7	734.6	344.1	723.6	316.8	30.0
July	1,076.7	732.9	343.7	720.5	311.7	29.5
August ..	1,089.3	741.2	348.1	733.3	317.8	30.2
September	1,109.0	754.0	355.1	752.5	337.1	31.7
October .	1,114.0	761.3	352.8	758.2	341.4	31.8
November.	1,119.9	766.9	353.0	764.2	349.5	32.5

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1972	$185.12	$190.19	$172.60	41.6	41.8	40.9	$4.45	$4.55	$4.22
1973	201.35	207.95	185.89	42.3	42.7	41.4	4.76	4.87	4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1982									
November.	408.83	418.80	387.06	40.2	40.0	40.7	10.17	10.47	9.51
December.	417.18	429.14	390.46	40.7	40.6	40.8	10.25	10.57	9.57
1983									
January .	415.09	427.99	387.03	40.3	40.3	40.4	10.30	10.62	9.58
February.	419.35	433.76	386.72	40.4	40.5	40.2	10.38	10.71	9.62
March ...	424.32	437.38	393.01	40.8	40.8	40.6	10.40	10.72	9.68
April ...	429.91	444.14	397.96	41.1	41.2	40.9	10.46	10.78	9.73
May	431.96	447.69	397.80	41.1	41.3	40.8	10.51	10.84	9.75
June	437.83	452.61	402.11	41.5	41.6	41.2	10.55	10.88	9.76
July	432.55	445.67	403.60	41.0	41.0	41.1	10.55	10.87	9.82
August ..	433.42	445.52	403.50	41.2	41.1	41.3	10.52	10.84	9.77
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.30	474.82	412.98	42.5	42.7	41.8	10.76	11.12	9.88

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1972	70.3	158.9	162.7	205.1	126.9	155.0	78.2	66.8	102.2
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.1	113.3	135.0	179.3	93.2	122.0	66.9	63.2	80.7
1982									
November.	53.1	100.8	128.0	166.1	90.1	117.5	66.6	62.2	78.3
December.	50.3	98.1	127.0	163.4	85.6	120.5	66.3	61.8	77.6
1983									
January .	50.2	100.2	128.3	163.2	89.5	125.1	63.9	61.6	78.0
February.	50.4	102.6	130.1	161.7	88.7	126.1	64.3	61.7	79.3
March ...	50.8	105.4	129.5	160.6	87.9	127.9	64.0	61.8	79.3
April ...	52.4	105.9	130.5	160.3	90.2	130.9	63.7	61.7	80.3
May	52.9	105.5	131.6	161.4	90.7	132.9	63.5	61.7	80.8
June	53.0	105.9	132.3	159.3	90.4	134.4	64.5	61.6	81.6
July	53.2	105.3	132.0	159.4	90.1	133.9	64.2	61.1	82.3
August ..	53.9	107.6	134.8	159.9	90.0	135.1	66.5	61.1	83.7
September	54.7	110.0	137.2	162.2	91.9	137.1	69.6	61.8	85.8
October .	54.8	110.5	139.2	161.9	92.8	141.3	66.6	61.8	86.5
November.	54.9	112.3	140.3	163.3	93.1	142.4	65.5	62.0	87.4
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1972	$175.14	$204.61	$187.87	$193.46	$164.42	$219.99	$173.43	$187.21	$180.48
1973	189.03	228.72	204.67	208.80	176.23	241.01	188.94	203.06	193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.87	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1982									
November.	387.69	478.37	407.42	393.39	374.14	518.13	393.71	364.65	380.70
December.	391.35	488.67	420.65	405.42	383.60	526.87	402.66	374.74	388.69
1983									
January .	385.01	486.16	427.00	401.37	380.09	517.33	391.68	370.02	392.22
February.	381.35	500.47	433.78	405.38	379.20	529.44	384.87	362.36	397.57
March ...	387.32	487.71	441.56	407.82	380.25	543.26	389.50	371.14	406.27
April ...	388.95	497.68	451.26	411.25	384.40	549.25	396.47	369.64	411.83
May	397.85	493.96	452.28	417.91	384.96	560.33	401.58	367.52	413.10
June	400.20	496.11	463.86	424.91	392.85	563.82	408.53	371.51	414.62
July	403.44	496.50	447.79	420.09	390.34	543.97	412.29	369.27	409.36
August ..	401.64	492.83	449.35	421.14	395.60	541.80	409.04	371.35	407.11
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.91	517.47	485.21	451.96	411.42	586.57	405.00	395.76	423.79

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	4187.6	4179.8	4121.4	.2	1.6
MANUFACTURING	1119.9	1114.0	1056.9	.5	6.0
Durable Goods[e]	766.9	761.3	713.1	.7	7.5
Lumber and wood products	13.1	13.1	12.1	.1	7.7
Furniture and fixtures	13.7	13.7	13.5	.2	1.8
Household furniture	6.0	6.0	6.0	.0	1.5
Stone, clay, and glass products	54.9	54.8	53.1	.3	3.5
Glass and glassware, pressed or blown.	14.7	14.6	14.1	.5	4.5
Structural clay products	5.3	5.3	4.7	.4	14.1
Pottery and related products	5.7	5.6	5.8	1.1	- 2.3
Primary metal industries	112.3	110.5	100.8	1.7	11.5
Blast furnace and basic steel products	55.1	54.5	51.0	1.1	7.9
Iron and steel foundries	23.1	21.9	20.9	5.5	10.6
Nonferrous rolling and drawing	19.0	19.0	15.7	- .2	21.1
Nonferrous foundries	9.4	9.2	7.6	1.2	22.9
Fabricated metal products	140.3	139.2	128.0	.8	9.5
Cutlery, hand tools, and hardware	11.8	11.8	9.9	.7	19.9
Plumbing and heating, except electric.	4.7	4.6	4.6	2.1	3.4
Fabricated structural metal products	31.4	31.4	31.0	- .1	1.4
Screw machine products, bolts, etc.	9.0	9.0	8.4	.3	7.1
Metal forgings and stampings	42.8	41.9	35.1	2.1	21.7
Machinery, except electrical	163.3	161.9	166.1	.9	- 1.7
Construction and related machinery	17.6	17.8	18.5	- 1.3	- 5.1
Metalworking machinery	39.2	38.8	44.2	1.1	- 11.4
Special industry machinery	17.4	17.3	17.8	.4	- 2.1
General industrial machinery	32.6	32.3	32.7	.9	- .4
Electric and electronic equipment	93.1	92.8	90.1	.3	3.3
Electrical industrial apparatus	19.1	19.0	19.4	.5	- 1.5
Household appliances	16.0	16.3	14.5	- 1.8	10.5
Electric lighting and wiring equipment	18.6	18.5	17.9	.4	3.9
Communication equipment	10.8	10.8	10.8	.3	.3
Transportation equipment	142.4	141.3	117.5	.8	21.2
Motor vehicles and equipment	96.5	95.5	73.5	1.0	31.2
Aircraft and parts	37.6	37.4	36.3	.7	3.7
Instruments and related products	20.5	20.5	19.3	.0	6.3
Measuring and controlling devices	12.5	12.5	11.4	- .3	9.4
Nondurable Goods[f]	353.0	352.8	343.8	.1	2.7
Food and kindred products	65.5	66.6	66.6	- 1.8	- 1.7
Meat products	10.8	10.7	10.9	1.4	- 1.1
Dairy products	10.8	11.0	10.9	- 2.1	- .9
Bakery products	9.8	9.8	10.2	- .1	- 3.8
Beverages	10.5	10.5	10.9	- .2	- 3.9
Textile mill products	4.5	4.5	4.0	- .5	12.5
Apparel and other textile products	17.8	17.7	17.0	.9	5.3
Paper and allied products	35.6	35.3	35.0	.9	1.8
Paper mills, except building paper	9.3	9.2	8.8	1.3	5.6
Misc. converted paper products	11.5	11.5	11.2	.0	2.2
Paperboard containers and boxes	11.8	11.7	11.7	.5	.4
Printing and publishing	62.0	61.8	62.2	.3	- .4
Newspapers	18.5	18.4	18.5	.4	- .1
Commercial printing	22.3	22.2	22.4	.6	- .6
Chemicals and allied products	64.5	64.5	65.4	.0	- 1.3
Industrial inorganic chemicals	11.8	11.8	12.5	- .4	- 5.7
Plastics materials and synthetics	8.9	8.9	9.2	.3	- 3.0
Petroleum and coal products	10.0	10.1	9.6	- .7	4.1
Rubber and misc. plastics products	87.4	86.5	78.3	1.0	11.6
Tires and inner tubes	20.9	20.9	21.3	- .1	- 1.9
Miscellaneous plastics products	45.7	45.1	39.1	1.4	17.1
Leather and leather products	5.6	5.6	5.8	.2	- 2.4

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$457.30	$450.24	$408.83	42.5	42.0	40.2	$10.76	$10.72	$10.17
Durable Goods[d]	474.82	468.68	418.80	42.7	42.3	40.0	11.12	11.08	10.47
Lumber and wood products	297.52	295.54	297.35	40.7	40.1	39.7	7.31	7.37	7.49
Furniture and fixtures	319.09	314.72	306.46	40.7	40.4	39.8	7.84	7.79	7.70
Household furniture	274.32	276.44	269.57	38.8	39.1	38.4	7.07	7.07	7.02
Stone, clay, and glass products	415.91	412.17	387.69	41.8	41.3	41.2	9.95	9.98	9.41
Glass and glassware, pressed or blown	433.42	431.07	403.92	41.2	40.4	39.6	10.52	10.67	10.20
Structural clay products	306.34	309.34	286.23	40.9	41.3	40.6	7.49	7.49	7.05
Pottery and related products	320.41	326.25	320.35	37.3	37.5	39.5	8.59	8.70	8.11
Primary metal industries	517.47	514.18	478.37	41.9	41.6	38.3	12.35	12.36	12.49
Blast furnace and basic steel products	512.68	509.52	497.39	40.4	39.9	36.2	12.69	12.77	13.74
Iron and steel foundries	536.64	522.45	454.17	43.7	43.0	39.7	12.28	12.15	11.44
Nonferrous rolling and drawing	564.62	565.92	487.62	43.2	43.2	40.1	13.07	13.10	12.16
Nonferrous foundries	421.08	432.84	358.30	44.0	44.9	39.9	9.57	9.64	8.98
Fabricated metal products	485.21	479.45	407.42	43.4	43.0	40.1	11.18	11.15	10.16
Cutlery, hand tools, and hardware	498.29	493.83	390.78	42.3	42.1	38.5	11.78	11.73	10.15
Plumbing and heating, except electric	380.94	361.58	347.14	42.0	40.4	38.4	9.07	8.95	9.04
Fabricated structural metal products	405.32	401.88	382.80	40.9	40.8	40.0	9.91	9.85	9.57
Screw machine products, bolts, etc.	404.07	390.82	353.34	42.4	41.4	39.0	9.53	9.44	9.06
Metal forgings and stampings	605.42	604.20	472.28	45.9	45.6	40.4	13.19	13.25	11.69
Machinery, except electrical	451.96	436.31	393.39	42.2	41.2	39.3	10.71	10.59	10.01
Construction and related machinery	418.47	429.37	373.70	39.0	39.5	37.0	10.73	10.87	10.10
Metalworking machinery	415.74	403.52	388.85	40.6	39.6	38.5	10.24	10.19	10.10
Special industry machinery	438.05	428.83	396.61	43.2	42.5	41.4	10.14	10.09	9.58
General industrial machinery	447.52	435.66	391.00	42.1	41.1	39.1	10.63	10.60	10.00
Electric and electronic equipment	411.42	408.04	374.14	41.6	41.3	39.3	9.89	9.88	9.52
Electrical industrial apparatus	396.07	370.28	345.92	41.3	39.1	37.6	9.59	9.47	9.20
Household appliances	419.00	413.09	374.19	41.2	40.9	38.3	10.17	10.10	9.77
Electric lighting and wiring equipment	400.89	407.69	377.98	41.5	41.9	41.4	9.66	9.73	9.13
Communication equipment	457.49	476.48	398.53	43.2	44.2	38.1	10.59	10.78	10.46
Transportation equipment	586.57	581.79	518.13	45.4	45.1	42.4	12.92	12.90	12.22
Motor vehicles and equipment	609.90	609.04	532.12	46.1	46.0	42.4	13.23	13.24	12.55
Aircraft and parts	528.00	509.07	490.99	43.6	42.6	42.4	12.11	11.95	11.58
Instruments and related products	309.97	308.83	286.89	40.1	39.9	39.3	7.73	7.74	7.30
Measuring and controlling devices	299.81	298.65	275.53	39.5	39.4	37.9	7.59	7.58	7.27
Nondurable Goods[e]	412.98	408.78	387.06	41.8	41.5	40.7	9.88	9.85	9.51
Food and kindred products	405.00	396.89	393.71	42.1	41.3	41.4	9.62	9.61	9.51
Meat products	391.44	388.33	414.00	42.0	41.4	41.4	9.32	9.38	10.00
Dairy products	428.21	409.26	399.81	44.1	43.4	43.6	9.71	9.43	9.17
Bakery products	422.01	406.30	401.60	40.5	39.6	40.2	10.42	10.26	9.99
Beverages	374.26	365.77	336.66	39.9	39.5	38.3	9.38	9.26	8.79
Textile mill products	315.25	310.91	264.80	41.7	41.4	38.6	7.56	7.51	6.86
Apparel and other textile products	246.33	241.67	220.22	39.1	38.3	37.2	6.30	6.31	5.92
Paper and allied products	437.36	437.03	403.92	44.0	44.1	43.2	9.94	9.91	9.35
Paper mills, except building paper	545.69	535.13	524.42	46.6	46.9	48.2	11.71	11.41	10.88
Misc. converted paper products	385.67	384.77	355.26	42.9	42.8	41.6	8.99	8.99	8.54
Paperboard containers and boxes	383.18	392.84	357.57	42.2	42.7	41.1	9.08	9.20	8.70
Printing and publishing	395.76	384.94	364.65	38.8	38.0	37.4	10.20	10.13	9.75
Newspapers	326.01	320.10	324.85	33.3	33.0	31.6	9.79	9.70	10.28
Commercial printing	422.09	408.51	369.97	40.9	39.7	38.7	10.32	10.29	9.56
Chemicals and allied products	467.74	460.37	433.89	41.8	41.4	41.6	11.19	11.12	10.43
Industrial inorganic chemicals	507.88	511.09	442.98	42.5	42.1	41.4	11.95	12.14	10.70
Plastics materials and synthetics	520.23	515.09	471.97	44.2	43.8	43.3	11.77	11.76	10.90
Petroleum and coal products	615.29	609.23	617.43	43.3	43.3	45.2	14.21	14.07	13.66
Rubber and misc. plastics products	423.79	425.87	380.70	43.2	43.5	40.5	9.81	9.79	9.40
Tires and inner tubes	564.83	564.32	520.02	44.3	44.4	42.8	12.75	12.71	12.15
Miscellaneous plastics products	411.61	411.70	355.78	43.1	43.2	39.4	9.55	9.53	9.03
Leather and leather products	211.85	211.85	222.98	38.8	38.8	41.6	5.46	5.46	5.36

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
NOVEMBER 1983 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
NONMANUFACTURING	3067.8	3065.8	3064.5	.1	.1
MINING	29.7	29.9	30.3	- .7	- 2.1
Bituminous coal and lignite mining	11.8	11.8	12.8	- .1	- 7.9
CONSTRUCTION	138.2	142.1	142.2	- 2.7	- 2.8
General building contractors	32.4	32.9	33.6	- 1.4	- 3.5
Heavy construction contractors	22.8	24.3	24.3	- 6.2	- 6.3
TRANSPORTATION AND PUBLIC UTILITIES	196.9	198.2	204.6	- .7	- 3.8
Railroad transportation	20.5	20.9	21.9	- 1.9	- 6.2
Transportation, except railroads	86.0[h]	87.0	88.5	- 1.1	- 2.8
Trucking and warehousing	61.7	61.6	64.1	.1	- 3.8
Communication, electric, gas services	90.3	90.3	94.3	.0	- 4.2
Communication	50.6	50.6	53.4	.1	- 5.1
Electric, gas, and sanitary services	39.7	39.8	40.9	- .1	- 2.9
WHOLESALE TRADE	227.6	228.2	229.0	- .2	- .6
Wholesale trade-durable goods	143.7	144.1	145.2	- .3	- 1.1
Motor vehicles & automotive equipment	21.0	21.1	20.8	- .5	.9
Electrical goods	18.8	18.8	18.9	.0	- .2
Machinery, equipment, and supplies	61.4	61.5	61.9	- .2	- .8
Wholesale trade-nondurable goods	84.0	84.1	83.7	- .1	.3
Groceries and related products	25.9	26.0	25.4	- .2	1.8
RETAIL TRADE	711.1	703.1	718.4	1.1	- 1.0
General merchandise stores	117.5	111.3	122.2	5.5	- 3.9
Department stores	107.9	102.0	112.1	5.8	- 3.8
Food stores	119.3	117.4	119.0	1.7	.3
Automotive dealers & service stations	74.6	75.2	75.6	- .8	- 1.3
Apparel and accessory stores	33.5	32.5	34.7	3.1	- 3.6
FINANCE, INSURANCE, AND REAL ESTATE	210.0	210.0	206.8	.0	1.6
Banking	58.1	58.0	58.6	.1	- .9
Credit agencies other than banks	30.8	30.7	29.8	.3	3.5
Insurance carriers	59.2	59.2	59.7	.0	- .8
SERVICES	884.2	888.9	865.8	- .5	2.1
Hotels and other lodging places	29.2	29.2	29.4	- .2	- .9
Laundry, cleaning, & garment services	16.4	16.4	16.8	.0	- 2.5
Business services	124.4	124.6	122.5	- .2	1.5
Health services	328.9	328.5	317.6	.1	3.6
Hospitals	178.7	178.5	174.8	.1	2.2
GOVERNMENT	670.0	665.4	667.3	.7	.4
Federal government	88.7	88.5	88.4	.2	.3
State government	145.4	145.1	146.3	.2	- .6
State government, except education	68.6	68.8	70.3	- .3	- 2.5
State government education[i]	76.8	76.3	76.0	.7	1.1
Local government	435.9	431.8	432.6	.9	.8
Local government, except education	181.1	181.7	181.2	- .3	.0
Local government education	254.8	250.1	251.4	1.9	1.3

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
NOVEMBER 1983 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$450.91	$461.58	$456.32	42.7	43.3	43.5	$10.56	$10.66	$10.49
Bituminous coal and lignite mining	556.22	560.06	540.68	40.6	41.0	41.4	13.70	13.66	13.06
CONSTRUCTION	553.09	580.16	544.91	35.5	37.0	36.4	15.58	15.68	14.97
General building contractors	481.78	503.74	486.75	34.0	35.6	35.4	14.17	14.15	13.75
Heavy construction contractors	492.91	530.02	512.59	33.6	35.5	35.4	14.67	14.93	14.48
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	448.36	447.07	448.72	36.1	36.2	36.1	12.42	12.35	12.43
Communication, electric, gas services	476.72	474.30	436.11	40.4	40.4	39.9	11.80	11.74	10.93
Communication	473.98	474.38	426.50	40.1	40.1	39.2	11.82	11.83	10.88
Electric, gas, and sanitary services	481.80	472.93	449.90	40.9	40.7	40.9	11.78	11.62	11.00
WHOLESALE TRADE	333.83	332.59	317.34	39.6	39.5	38.7	8.43	8.42	8.20
Wholesale trade-durable goods	328.84	326.80	309.60	40.2	40.0	38.7	8.18	8.17	8.00
Motor vehicles & automotive equipment	271.70	272.97	268.09	38.0	38.5	37.6	7.15	7.09	7.13
Electrical goods	276.86	274.61	260.54	38.4	38.3	36.8	7.21	7.17	7.08
Machinery, equipment, and supplies	372.19	368.83	340.56	41.4	40.8	39.1	8.99	9.04	8.71
Wholesale trade-nondurable goods	343.66	342.88	330.42	38.7	38.7	38.6	8.88	8.86	8.56
Groceries and related products	372.60	369.15	364.08	41.4	40.7	41.0	9.00	9.07	8.88
RETAIL TRADE[f]	161.11	161.37	154.28	29.4	29.5	29.0	5.48	5.47	5.32
General merchandise stores	165.54	165.17	153.85	31.0	30.7	29.7	5.34	5.38	5.18
Department stores	168.79	168.41	156.22	31.2	30.9	29.7	5.41	5.45	5.26
Food stores	217.45	218.86	222.07	30.8	31.0	30.8	7.06	7.06	7.21
Automotive dealers & service stations	215.99	213.35	203.31	36.3	36.1	36.5	5.95	5.91	5.57
Apparel and accessory stores	113.79	115.14	107.43	25.4	25.7	25.7	4.48	4.48	4.18
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	217.69	217.76	204.94	....	....	....	....	....	....
Credit agencies other than banks	208.09	210.39	203.58	....	....	....	....	....	....
Insurance carriers	291.83	291.21	280.47	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	281.90	282.41	267.34	33.6	33.7	34.1	8.39	8.38	7.84
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	256.0	255.0	251.7	.4	1.7
MANUFACTURING	68.5	68.1	66.5	.6	3.0
Durable Goods[e]	35.0	34.8	32.7	.7	7.2
Stone, clay, and glass products	2.0	2.0	1.8	- .2	9.7
Fabricated metal products	12.4	12.3	12.0	1.1	3.2
Machinery, except electrical	9.7	9.6	8.9	.1	8.9
Special industry machinery	1.6	1.6	1.6	- 2.9	- 2.7
Nondurable Goods[f]	33.5	33.4	33.8	.4	- 1.0
Food and kindred products	2.6	2.5	2.6	1.4	- 2.8
Chemicals and allied products	2.7	2.7	3.2	- 1.6	- 14.4
Rubber and misc. plastics products	23.2	23.2	23.1	.2	.3
Tires and inner tubes	16.6	16.6	17.2	- .1	- 3.4
NONMANUFACTURING[g]	187.5	186.9	185.1	.3	1.3
CONSTRUCTION	7.6	7.8	7.9	- 2.9	- 4.1
TRANSPORTATION AND PUBLIC UTILITIES	12.8	12.8	12.9	.0	- 1.1
Communication, electric, gas services	5.3	5.3	5.5	- .1	- 2.6
WHOLESALE TRADE	12.6	12.7	12.5	- .3	1.4
RETAIL TRADE	47.3	46.9	46.7	.9	1.2
FINANCE, INSURANCE, AND REAL ESTATE	9.3	9.3	9.3	.9	.6
SERVICES	54.0	53.9	52.1	.3	3.7
GOVERNMENT	43.1	42.9	43.0	.5	.2
State government (includes education)	14.7	14.7	14.7	.0	.2
Local government (includes education)	26.3	26.1	26.2	.8	.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$471.98	$467.42	$409.94	43.5	43.2	41.2	$10.85	$10.82	$ 9.95
Durable Goods[d]	492.36	486.38	405.14	44.0	43.7	40.8	11.19	11.13	9.93
Stone, clay, and glass products	408.50	402.95	385.14	42.2	41.8	42.0	9.68	9.64	9.17
Fabricated metal products	611.98	609.74	390.00	45.5	45.3	39.0	13.45	13.46	10.00
Machinery, except electrical	418.38	418.12	412.43	43.4	43.6	42.3	9.64	9.59	9.75
Special industry machinery	446.04	441.12	374.66	45.1	44.2	39.9	9.89	9.98	9.39
Nondurable Goods[e]	443.59	440.30	415.58	42.9	42.5	41.6	10.34	10.36	9.99
Food and kindred products	454.61	450.46	439.94	45.1	44.6	44.8	10.08	10.10	9.82
Chemicals and allied products	465.91	470.24	440.77	43.1	43.3	42.3	10.81	10.86	10.42
Rubber and misc. plastics products	468.60	460.08	425.29	44.0	43.2	41.9	10.65	10.65	10.15
Tires and inner tubes	601.10	598.45	538.79	45.4	45.2	43.0	13.24	13.24	12.53
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	535.28	524.54	565.40	35.1	34.6	37.1	15.25	15.16	15.24
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	490.82	489.21	437.89	40.8	40.7	39.7	12.03	12.02	11.03
WHOLESALE TRADE	308.48	301.41	290.61	39.6	39.4	38.8	7.79	7.65	7.49
RETAIL TRADE[f]	174.33	173.73	169.64	29.8	29.8	29.4	5.85	5.83	5.77
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	150.7	150.0	147.9	.4	1.9
MANUFACTURING	46.7	46.2	45.2	1.1	3.3
Durable Goods[e]	35.0	34.5	34.0	1.5	2.9
Stone, clay, and glass products	2.0	2.0	1.9	- .1	5.2
Primary metal industries	11.4	11.0	9.9	3.9	14.8
Fabricated metal products	7.7	7.6	8.3	1.0	- 7.1
Fabricated structural metal products	2.0	2.0	2.6	.1	- 20.9
Metal forgings and stampings	2.4	2.4	2.4	2.6	3.7
Nondurable Goods[f]	11.7	11.7	11.2	.1	4.4
Food and kindred products	4.3	4.3	4.3	- .4	- .7
Rubber and misc. plastics products	3.2	3.1	2.5	.4	25.6
NONMANUFACTURING[g]	104.0	103.9	102.7	.1	1.2
CONSTRUCTION	5.3	5.4	5.0	- 2.6	6.1
TRANSPORTATION AND PUBLIC UTILITIES	6.1	6.1	6.4	- 1.0	- 4.3
Communication, electric, gas services	2.9	2.9	3.0	.0	- 4.4
WHOLESALE TRADE	8.0	8.0	7.8	.1	3.2
RETAIL TRADE	26.5	26.2	26.4	1.0	.3
FINANCE, INSURANCE, AND REAL ESTATE	6.6	6.5	6.4	.7	3.1
SERVICES	31.6	31.7	31.1	- .4	1.6
GOVERNMENT	18.5	18.4	18.4	.7	.9
Local government (includes education)	15.6	15.5	15.3	.6	1.9

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$441.19	$433.36	$399.85	40.7	40.2	38.3	$10.84	$10.78	$10.44
Durable Goods[d]	455.71	445.68	407.16	40.4	39.9	37.7	11.28	11.17	10.80
Stone, clay, and glass products	272.83	287.55	260.43	39.2	40.5	39.7	6.96	7.10	6.56
Primary metal industries	476.00	467.67	443.42	39.7	39.3	34.4	11.99	11.90	12.89
Fabricated metal products	535.51	524.16	448.34	42.1	41.6	40.5	12.72	12.60	11.07
Fabricated structural metal products	461.55	464.87	429.55	40.1	40.6	40.6	11.51	11.45	10.58
Metal forgings and stampings	669.99	645.04	508.07	45.3	44.0	40.1	14.79	14.66	12.67
Nondurable Goods[e]	393.84	395.52	378.68	41.5	41.2	40.5	9.49	9.60	9.35
Food and kindred products	413.13	411.35	441.41	41.9	41.3	41.8	9.86	9.96	10.56
Rubber and misc. plastics products	446.36	447.19	367.42	45.5	45.4	41.8	9.81	9.85	8.79
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	527.00	556.56	517.62	34.0	35.7	35.6	15.50	15.59	14.54
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	485.39	479.40	449.75	41.1	40.8	40.3	11.81	11.75	11.16
WHOLESALE TRADE	328.56	325.99	302.59	38.7	37.6	36.5	8.49	8.67	8.29
RETAIL TRADE[f]	160.73	161.16	151.19	29.6	29.9	29.3	5.43	5.39	5.16
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	583.5	581.4	576.9	.4	1.1
MANUFACTURING	149.3	148.8	147.0	.3	1.5
Durable Goods[e]	83.0	82.7	80.1	.3	3.5
Furniture and fixtures	2.0	2.1	2.1	- 3.1	- 5.9
Primary metal industries	2.0	2.0	1.7	- .6	18.1
Fabricated metal products	13.3	13.1	12.3	1.6	8.0
Fabricated structural metal products	4.1	4.0	4.1	3.3	- .4
Machinery, except electrical	21.7	21.4	22.1	1.4	- 2.0
Metalworking machinery	10.3	10.2	10.9	1.3	- 5.2
General industrial machinery	3.4	3.4	3.5	1.1	- .4
Electric and electronic equipment	7.7	7.7	7.6	.0	.9
Transportation equipment	25.8	25.8	24.0	.1	7.7
Motor vehicles and equipment	10.9	10.8	9.1	1.2	20.4
Nondurable Goods[f]	66.3	66.0	66.9	.4	- .9
Food and kindred products	14.7	14.8	15.8	- .5	- 7.0
Meat products	2.4	2.4	2.3	- .1	6.8
Bakery products	2.3	2.3	2.4	- .7	- 4.3
Beverages	4.3	4.3	4.8	.9	- 9.8
Apparel and other textile products	4.1	3.9	4.0	3.7	3.1
Paper and allied products	5.8	5.9	5.9	- 1.2	- .4
Printing and publishing	11.6	11.5	11.2	1.3	3.3
Chemicals and allied products	22.0	21.8	22.1	.6	- .5
Rubber and misc. plastics products	4.7	4.7	4.3	.5	9.5
NONMANUFACTURING[g]	434.2	432.7	429.8	.4	1.0
CONSTRUCTION	20.8	21.2	20.9	- 1.9	- .2
TRANSPORTATION AND PUBLIC UTILITIES	31.2	31.5	31.9	- .8	- 2.0
Communication, electric, gas services	14.2	14.2	14.4	- .4	- 1.3
WHOLESALE TRADE	36.8	36.7	37.2	.1	- 1.3
RETAIL TRADE	102.5	101.2	103.0	1.2	- .5
FINANCE, INSURANCE, AND REAL ESTATE	32.2	32.1	32.5	.4	- 1.0
Banking	7.2	7.2	7.3	.3	- .5
Insurance carriers	11.0	11.0	11.4	.3	- 3.4
SERVICES	130.5	130.5	124.7	.0	4.7
GOVERNMENT	79.8	79.0	79.4	1.0	.6
Federal government	12.3	12.3	12.1	.5	2.4
State government (includes education)	17.9	17.6	18.5	1.7	- 3.4
Local government	49.6	49.1	48.8	.9	1.7
Local government, except education	21.4	21.5	21.4	- .3	- .1
Local government education	28.2	27.7	27.3	1.9	3.0

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$432.21	$422.50	$404.89	41.8	41.3	41.4	$10.34	$10.23	$ 9.78
Durable Goods[d]	425.57	421.64	387.32	41.6	41.5	40.6	10.23	10.16	9.54
Furniture and fixtures	312.80	327.59	273.06	39.1	41.0	36.8	8.00	7.99	7.42
Primary metal industries	445.42	452.40	347.81	40.2	40.0	35.6	11.08	11.31	9.77
Fabricated metal products	373.98	382.22	376.48	40.3	41.5	41.6	9.28	9.21	9.05
Fabricated structural metal products	351.28	359.10	336.20	40.1	40.9	41.1	8.76	8.78	8.18
Machinery, except electrical	377.34	373.73	337.19	40.4	40.1	38.1	9.34	9.32	8.85
Metalworking machinery	410.28	400.72	356.31	39.0	38.2	36.1	10.52	10.49	9.87
General industrial machinery	330.74	331.50	316.92	39.8	39.7	38.0	8.31	8.35	8.34
Electric and electronic equipment	333.06	326.72	301.68	42.0	41.2	39.8	7.93	7.93	7.58
Transportation equipment	608.37	590.78	538.90	44.7	43.6	42.3	13.61	13.55	12.74
Motor vehicles and equipment	651.84	646.46	580.44	44.8	44.4	42.0	14.55	14.56	13.82
Nondurable Goods[e]	440.37	423.74	424.27	42.1	41.1	42.3	10.46	10.31	10.03
Food and kindred products	476.86	460.78	489.07	42.2	41.4	44.1	11.30	11.13	11.09
Meat products	404.91	408.24	476.56	41.7	42.0	45.3	9.71	9.72	10.52
Bakery products	461.74	423.46	416.53	41.9	40.6	41.2	11.02	10.43	10.11
Beverages	450.68	440.58	463.18	42.8	42.0	45.1	10.53	10.49	10.27
Apparel and other textile products	207.84	207.36	229.71	36.4	36.0	40.3	5.71	5.76	5.70
Paper and allied products	377.04	381.97	357.28	41.8	41.7	41.4	9.02	9.16	8.63
Printing and publishing	455.10	434.93	390.91	42.1	40.8	38.4	10.81	10.66	10.18
Chemicals and allied products	508.38	481.39	488.42	42.4	40.9	43.3	11.99	11.77	11.28
Rubber and misc. plastics products	382.59	359.45	339.39	46.6	45.5	43.4	8.21	7.90	7.82
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	513.46	535.32	524.52	34.6	36.0	36.0	14.84	14.87	14.57
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	455.09	455.90	415.63	39.3	39.2	39.1	11.58	11.63	10.63
WHOLESALE TRADE	345.66	343.47	319.55	40.1	39.8	38.5	8.62	8.63	8.30
RETAIL TRADE[f]	164.39	163.02	155.48	30.9	30.7	29.9	5.32	5.31	5.20
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	223.89	223.06	202.41	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	838.3	837.4	840.5	.1	- .3
MANUFACTURING	216.6	215.6	213.7	.5	1.3
Durable Goods[e]	150.5	149.6	150.3	.6	.1
Furniture and fixtures	1.8	1.7	2.0	.6	- 10.7
Primary metal industries	25.2	24.9	24.5	1.1	2.7
Blast furnace and basic steel products	12.2	12.2	12.5	.0	- 2.3
Iron and steel foundries	6.5	6.3	6.2	4.1	5.3
Nonferrous foundries	2.6	2.7	2.5	- 2.6	3.7
Fabricated metal products	32.3	32.3	32.5	.2	- .7
Fabricated structural metal products	3.9	3.9	3.8	- .8	1.5
Screw machine products, bolts, etc.	4.7	4.7	4.7	- 1.1	- .1
Metal forgings and stampings	10.9	10.8	11.4	.7	- 4.2
Machinery, except electrical	32.5	32.2	34.4	.8	- 5.7
Construction and related machinery	5.4	5.4	5.5[h]	- .2	- 1.0
Metalworking machinery	10.6	10.5	11.9	.6	- 11.4
Special industry machinery	3.2	3.2	3.3	.8	- 4.6
General industrial machinery	2.6	2.5	2.8	3.7	- 7.8
Electric and electronic equipment	23.8	23.6	23.4	1.0	1.7
Electrical industrial apparatus	7.9	7.9	8.2	.5	- 3.2
Transportation equipment	21.0	21.0	19.7	.2	6.9
Motor vehicles and equipment	14.7	14.7	13.1	.3	12.1
Instruments and related products	5.6	5.6	5.8	- .1	- 3.4
Nondurable Goods[f]	66.1	66.0	63.4	.2	4.2
Food and kindred products	8.1	8.1	7.8	.6	3.4
Bakery products	1.7	1.7	1.7	- .9	- 1.9
Beverages	1.6	1.6	1.6	- 2.0	- 3.5
Apparel and other textile products	5.6	5.6	5.4	.8	4.5
Paper and allied products	5.1	5.1	5.0	.5	2.1
Printing and publishing	15.4	15.3	14.8	.1	3.6
Chemicals and allied products	14.6	14.5	14.8	.5	- 1.7
Industrial inorganic chemicals	3.6	3.6	3.8	.4	- 7.0
Rubber and misc. plastics products	11.2	11.3	9.7	- .4	15.6
NONMANUFACTURING[g]	621.7	621.9	626.7	.0	- .8
CONSTRUCTION	25.8	26.5	26.4	- 2.7	- 2.4
TRANSPORTATION AND PUBLIC UTILITIES	41.5[h]	42.2	43.2	- 1.7	- 3.9
Communication, electric, gas services	19.5	19.6	20.0	.0	- 2.3
WHOLESALE TRADE	59.7	59.8	60.8	- .2	- 1.8
RETAIL TRADE	134.3	133.0	137.0	1.0	- 2.0
FINANCE, INSURANCE, AND REAL ESTATE	47.8	47.9	48.0	- .1	- .5
Banking	13.1	13.0	13.3	.6	- 1.9
Insurance carriers	11.8	11.9	12.2	- .7	- 3.2
SERVICES	197.7	198.8	194.7	- .6	1.5
GOVERNMENT	113.7	112.6	115.3	1.0	- 1.3
Federal government	19.2	19.2	19.3	- .3	- .5
State government (includes education)	7.9	7.8	8.0	1.2	- 1.7
Local government	86.6	85.5	87.9	1.3	- 1.5
Local government, except education	44.2	44.2	44.5	.1	- .6
Local government education	42.4	41.3	43.5	2.6	- 2.4

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures.
[e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing.
[f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$444.56	$437.89	$399.45	41.9	41.5	39.2	$10.61	$10.55	$10.19
Durable Goods[d]	473.45	466.47	419.33	42.5	42.1	39.3	11.14	11.08	10.67
Furniture and fixtures	330.44	330.08	328.80	40.2	40.5	41.1	8.22	8.15	8.00
Primary metal industries	529.15	522.46	448.72	42.4	42.1	36.6	12.48	12.41	12.26
Blast furnace and basic steel products	482.47	479.17	452.24	37.9	37.7	32.7	12.73	12.71	13.83
Iron and steel foundries	696.83	678.08	519.47	47.5	46.7	40.3	14.67	14.52	12.89
Nonferrous foundries	361.42	361.50	336.31	41.4	41.6	39.8	8.73	8.69	8.45
Fabricated metal products	453.05	447.10	427.28	42.5	42.1	40.5	10.66	10.62	10.55
Fabricated structural metal products	331.04	333.59	341.47	38.9	38.3	40.7	8.51	8.71	8.39
Screw machine products, bolts, etc.	448.36	430.36	355.30	43.7	42.4	38.0	10.26	10.15	9.35
Metal forgings and stampings	566.42	556.98	531.23	44.6	44.1	41.6	12.70	12.63	12.77
Machinery, except electrical	458.71	446.78	394.75	42.2	41.6	38.4	10.87	10.74	10.28
Construction and related machinery	498.08	502.63	390.96	40.2	40.6	36.0	12.39	12.38	10.86
Metalworking machinery	423.74	415.13	389.16	41.1	40.5	37.6	10.31	10.25	10.35
Special industry machinery	465.75	466.99	434.02	41.4	41.4	41.1	11.25	11.28	10.56
General industrial machinery	406.58	401.14	374.75	41.7	41.1	37.4	9.75	9.76	10.02
Electric and electronic equipment	402.46	392.93	355.89	40.9	40.3	38.6	9.84	9.75	9.22
Electrical industrial apparatus	396.76	365.27	340.12	39.4	36.6	34.6	10.07	9.98	9.83
Transportation equipment	592.07	584.64	532.00	45.3	44.8	42.8	13.07	13.05	12.43
Motor vehicles and equipment	631.12	622.43	557.70	46.0	45.4	42.9	13.72	13.71	13.00
Instruments and related products	357.41	341.73	330.40	40.8	39.1	40.0	8.76	8.74	8.26
Nondurable Goods[e]	371.79	366.62	347.21	40.5	40.2	39.1	9.18	9.12	8.88
Food and kindred products	378.39	379.76	368.34	40.6	40.4	40.7	9.32	9.40	9.05
Bakery products	402.93	419.32	379.53	40.7	42.1	39.7	9.90	9.96	9.56
Beverages	350.69	341.82	343.78	41.6	40.5	42.6	8.43	8.44	8.07
Apparel and other textile products	271.21	268.87	244.40	38.8	38.3	36.1	6.99	7.02	6.77
Paper and allied products	404.63	414.65	360.70	43.0	44.3	39.9	9.41	9.36	9.04
Printing and publishing	378.67	368.45	362.97	36.8	36.3	37.0	10.29	10.15	9.81
Chemicals and allied products	451.61	456.71	414.93	41.7	41.9	40.6	10.83	10.90	10.22
Industrial inorganic chemicals	495.33	495.40	413.66	41.8	41.7	40.2	11.85	11.88	10.29
Rubber and misc. plastics products	348.25	327.39	316.40	43.1	41.6	40.0	8.08	7.87	7.91
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	674.06	692.95	642.75	37.2	38.2	37.5	18.12	18.14	17.14
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	506.62	499.69	468.40	40.4	40.2	40.0	12.54	12.43	11.71
WHOLESALE TRADE	344.52	340.95	331.27	39.6	39.1	38.7	8.70	8.72	8.56
RETAIL TRADE[f]	170.08	170.43	163.24	28.3	28.5	28.0	6.01	5.98	5.83
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	247.45	246.70	236.51	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	514.1	512.9	503.8	.2	2.0
MANUFACTURING	90.5	90.4	85.7	.1	5.7
Durable Goods[e]	59.1	58.8	53.6	.5	10.3
Stone, clay, and glass products	9.6	9.6	9.4	.0	2.8
Fabricated metal products	10.4	10.5	8.5	- .7	22.5
Machinery, except electrical	10.6	10.5	10.0	.9	6.0
Electric and electronic equipment	10.9	10.9	10.6	- .1	3.2
Transportation equipment	8.9	8.7	7.1	3.2	25.2
Nondurable Goods[f]	31.4	31.6	32.0	- .6	- 2.0
Food and kindred products	10.0	10.2	10.1	- 1.4	- .1
Printing and publishing	7.9	8.0	8.3	- .9	- 5.0
Chemicals and allied products	6.0	6.0	6.1	- .1	- 1.1
Rubber and misc. plastics products	2.7	2.7	2.7	1.0	.0
NONMANUFACTURING[g]	423.5	422.5	418.2	.2	1.3
CONSTRUCTION	15.5	15.9	15.6	- 2.5	- .7
TRANSPORTATION AND PUBLIC UTILITIES	22.2	22.3	23.1	- .7	- 4.0
Communication, electric, gas services	10.6	10.6	11.0	- .1	- 3.9
WHOLESALE TRADE	27.4	27.5	27.2	- .1	1.0
RETAIL TRADE	96.5	94.6	95.9	2.0	.7
FINANCE, INSURANCE, AND REAL ESTATE	43.3	43.3	41.8	.1	3.5
Banking	8.6	8.6	8.3	- .3	3.2
Insurance carriers	17.7	17.6	17.8	.2	- .6
SERVICES	114.7	115.0	111.7	- .2	2.7
GOVERNMENT	103.1	103.2	102.2	- .1	.9
Federal government	11.4	11.3	11.3	.4	.1
State government	48.6	49.0	49.2	- .9	- 1.3
State government, except education	27.8	27.9	28.7	- .4	- 3.0
State government education[i]	20.7	21.1	20.5	- 1.7	1.0
Local government	43.2	42.9	41.7	.8	3.7
Local government, except education	17.5	17.6	17.5	- .3	.5
Local government education	25.7	25.3	24.2	1.6	6.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
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Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$421.41	$414.51	$382.85	41.6	41.0	40.3	$10.13	$10.11	$ 9.50
Durable Goods[d]	444.37	435.53	397.39	42.2	41.4	40.1	10.53	10.52	9.91
Stone, clay, and glass products	395.65	394.47	371.59	41.0	40.5	39.7	9.65	9.74	9.36
Fabricated metal products	544.13	538.16	452.99	43.6	43.4	40.7	12.48	12.40	11.13
Machinery, except electrical	397.88	375.84	380.55	42.6	40.5	40.7	9.34	9.28	9.35
Electric and electronic equipment	440.79	433.72	380.09	43.3	42.9	39.8	10.18	10.11	9.55
Transportation equipment	542.23	521.73	513.17	44.3	42.8	43.6	12.24	12.19	11.77
Nondurable Goods[e]	372.89	370.24	355.72	40.4	40.2	40.7	9.23	9.21	8.74
Food and kindred products	362.03	353.03	359.94	41.0	40.3	42.0	8.83	8.76	8.57
Printing and publishing	448.09	438.07	412.63	38.2	37.7	38.6	11.73	11.62	10.69
Chemicals and allied products	434.93	431.19	396.61	41.7	41.5	41.4	10.43	10.39	9.58
Rubber and misc. plastics products	300.05	312.44	284.72	41.5	42.8	40.5	7.23	7.30	7.03
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	471.83	490.20	480.25	36.1	38.0	36.3	13.07	12.90	13.23
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	488.03	485.61	449.16	40.3	40.1	39.4	12.11	12.11	11.40
WHOLESALE TRADE	289.52	297.00	313.24	38.5	39.6	39.5	7.52	7.50	7.93
RETAIL TRADE[f]	163.85	164.71	154.12	29.0	29.1	28.7	5.65	5.66	5.37
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	231.56	236.05	224.01	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	343.4	341.8	335.7	.5	2.3
MANUFACTURING	90.2	89.2	82.9	1.1	8.8
Durable Goods[e]	62.5	61.8	57.4	1.2	9.0
Stone, clay, and glass products	2.2	2.2	1.8	.0	17.7
Fabricated metal products	7.0	7.0	6.3	.4	10.0
Machinery, except electrical	29.3	28.9	28.1	1.6	4.5
Metalworking machinery	6.1	6.0	6.2	1.1	- 1.9
Electric and electronic equipment	4.6	4.6	4.6	.7	- .6
Electrical industrial apparatus	2.6	2.6	2.6	.7	1.3
Transportation equipment	13.5	13.3	11.0	1.1	22.3
Nondurable Goods[f]	27.7	27.4	25.6	.9	8.3
Food and kindred products	3.1	3.1	3.0	- .4	3.7
Paper and allied products	5.6	5.4	5.2	3.3	8.0
Printing and publishing	7.4	7.4	7.4	.4	.6
Rubber and misc. plastics products	8.1	8.0	7.0	.9	16.1
NONMANUFACTURING[g]	253.1	252.6	252.8	.2	.1
CONSTRUCTION	9.9	10.1	9.9	- 1.9	- .7
TRANSPORTATION AND PUBLIC UTILITIES	12.3	12.3	12.5	- .3	- 1.5
Communication, electric, gas services	5.6	5.7	6.1	- .2	- 7.8
WHOLESALE TRADE	16.5	16.5	16.7	.3	- 1.0
RETAIL TRADE	55.6	54.8	56.4	1.4	- 1.4
FINANCE, INSURANCE, AND REAL ESTATE	13.7	13.8	13.4	- .5	2.6
SERVICES	77.3	77.5	75.6	- .2	2.2
GOVERNMENT	67.5	67.3	68.0	.3	- .6
Federal government	25.8	25.8	26.0	.0	- .5
State government (includes education)	6.0	6.0	5.7	- .6	4.3
Local government	35.7	35.5	36.3	.6	- 1.5
Local government, except education	12.8	12.9	12.9	- .6	- .7
Local government education	22.9	22.6	23.4	1.3	- 2.0

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$468.04	$463.72	$387.69	42.9	42.7	39.2	$10.91	$10.86	$ 9.89
Durable Goods[d]	474.14	462.01	383.38	43.3	42.7	39.2	10.95	10.82	9.78
Stone, clay, and glass products	374.00	376.40	377.90	40.0	40.0	41.3	9.35	9.41	9.15
Fabricated metal products	344.32	343.97	304.51	40.7	40.9	38.4	8.46	8.41	7.93
Machinery, except electrical	507.55	483.04	407.32	44.6	43.4	39.7	11.38	11.13	10.26
Metalworking machinery	484.37	466.58	411.03	45.1	44.1	40.1	10.74	10.58	10.25
Electric and electronic equipment	326.41	323.20	301.90	40.7	40.4	40.2	8.02	8.00	7.51
Electrical industrial apparatus	342.86	343.80	321.99	40.1	40.4	39.9	8.55	8.51	8.07
Transportation equipment	609.30	602.11	462.43	45.0	44.7	38.6	13.54	13.47	11.98
Nondurable Goods[e]	455.10	467.57	396.87	42.1	42.7	39.1	10.81	10.95	10.15
Food and kindred products	356.80	355.78	393.82	39.6	39.4	40.6	9.01	9.03	9.70
Paper and allied products	402.26	409.62	374.05	43.3	43.3	42.7	9.29	9.46	8.76
Printing and publishing	409.00	428.07	379.41	37.8	38.6	36.1	10.82	11.09	10.51
Rubber and misc. plastics products	587.85	607.81	468.60	44.5	45.7	38.6	13.21	13.30	12.14
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	527.12	529.20	490.52	37.2	37.8	35.7	14.17	14.00	13.74
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	491.27	477.96	434.27	40.5	40.3	39.3	12.13	11.86	11.05
WHOLESALE TRADE	346.44	345.20	323.46	42.3	42.2	41.1	8.19	8.18	7.87
RETAIL TRADE[f]	158.71	159.01	149.99	29.5	29.5	28.9	5.38	5.39	5.19
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent Change From[d]	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	292.5	291.7	284.6	.3	2.8
MANUFACTURING	74.4	73.7	66.8	.9	11.4
Durable Goods[e]	58.2	57.2	51.7	1.7	12.7
Stone, clay, and glass products	11.7	11.7	11.5	.4	1.6
Primary metal industries	3.9	3.8	3.5	3.0	11.3
Fabricated metal products	8.4	8.3	7.0	1.2	19.6
Metal forgings and stampings	4.2	4.1	3.1	1.7	32.6
Machinery, except electrical	5.8	5.7	6.1	1.2	- 5.7
General industrial machinery	1.5	1.5	1.7	.5	- 12.0
Transportation equipment	20.7	20.2	16.0	2.4	29.8
Motor vehicles and equipment	19.5	19.0	14.7	2.5	32.4
Nondurable Goods[f]	16.2	16.5	15.1	- 1.9	6.9
Food and kindred products	4.1	4.4	3.9	- 7.6	3.7
Rubber and misc. plastics products	4.2	4.1	3.2	3.2	34.0
NONMANUFACTURING[g]	218.2	217.9	217.7	.1	.2
CONSTRUCTION	10.4	10.7	11.3	- 2.6	- 8.0
TRANSPORTATION AND PUBLIC UTILITIES	17.4	17.4	17.9	- .1	- 3.1
Communication, electric, gas services	7.4	7.4	7.6	- .2	- 3.9
WHOLESALE TRADE	14.3	14.3	14.5	- .2	- 1.5
RETAIL TRADE	50.4	49.7	51.1	1.3	- 1.5
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.0	10.8	- .3	1.8
SERVICES	66.2	66.6	64.7	- .6	2.4
GOVERNMENT	48.0	47.7	46.9	.6	2.2
State government (includes education)	15.2	15.3	15.0	- .1	1.9
Local government	30.0	29.7	29.2	1.1	2.8
Local government, except education	11.6	11.6	10.9	- .1	6.2
Local government education	18.4	18.1	18.3	1.8	.8

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$513.53	$501.78	$454.71	44.5	43.9	41.3	$11.54	$11.43	$11.01
Durable Goods[d]	540.43	525.70	465.45	45.3	44.4	41.3	11.93	11.84	11.27
Stone, clay, and glass products	518.32	514.79	466.23	44.0	43.7	42.5	11.78	11.78	10.97
Primary metal industries	504.33	515.98	426.54	46.1	47.6	40.7	10.94	10.84	10.48
Fabricated metal products	519.61	507.68	445.30	45.5	44.3	41.5	11.42	11.46	10.73
Metal forgings and stampings	555.27	543.42	491.66	44.6	43.3	40.7	12.45	12.55	12.08
Machinery, except electrical	462.67	445.77	412.63	42.8	41.7	40.1	10.81	10.69	10.29
General industrial machinery	506.33	498.67	464.52	42.3	41.8	39.5	11.97	11.93	11.76
Transportation equipment	618.52	589.68	521.93	47.0	45.5	41.0	13.16	12.96	12.73
Motor vehicles and equipment	617.58	587.48	517.30	47.0	45.4	40.7	13.14	12.94	12.71
Nondurable Goods[e]	410.02	410.89	413.83	41.5	41.8	41.3	9.88	9.83	10.02
Food and kindred products	436.38	432.29	421.82	42.0	43.1	41.6	10.39	10.03	10.14
Rubber and misc. plastics products	346.53	349.85	339.76	41.7	41.5	40.4	8.31	8.43	8.41
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	604.90	621.59	642.61	36.2	37.4	39.4	16.71	16.62	16.31
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	495.72	485.17	461.09	40.8	40.6	40.2	12.15	11.95	11.47
WHOLESALE TRADE	337.92	339.46	332.72	38.4	38.4	38.2	8.80	8.84	8.71
RETAIL TRADE[f]	162.13	163.25	157.28	28.9	29.1	28.7	5.61	5.61	5.48
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Employment (in thousands)			Percent[d] Change From	
	November 1983[b]	October 1983[c]	November 1982[c]	October 1983	November 1982
TOTAL	185.9	185.3	177.3	.3	4.8
MANUFACTURING	56.3	56.2	47.6	.2	18.2
Durable Goods[e]	51.0	51.0	42.5	.1	20.1
Stone, clay, and glass products	1.9	2.0	1.7	- 4.6	10.0
Primary metal industries	24.3	24.1	20.1	.8	20.6
Blast furnace and basic steel products	10.1	10.0	9.3	.9	8.4
Fabricated metal products	8.8	8.8	7.9	.1	11.7
Fabricated structural metal products	2.2	2.3	2.4	- .1	- 8.0
Machinery, except electrical	3.3	3.3	4.3	- 1.6	- 24.3
Metalworking machinery	1.2	1.2	2.2	- 1.3	- 45.9
Electric and electronic equipment	2.6	2.6	2.7	.0	- 4.4
Transportation equipment	8.6[h]	8.6[h]	3.9	- .1	118.7
Nondurable Goods[f]	5.3	5.2	5.1	1.4	2.6
NONMANUFACTURING[g]	129.6	129.1	129.7	.4	- .1
CONSTRUCTION	5.2	5.4	5.5	- 3.4	- 4.3
TRANSPORTATION AND PUBLIC UTILITIES	7.9	7.9	8.2	.0	- 3.8
Communication, electric, gas services	3.1	3.1	3.2	.2	- 2.9
WHOLESALE TRADE	8.0	8.0	8.0	1.0	.3
RETAIL TRADE	34.7	34.5	35.8	.4	- 3.2
FINANCE, INSURANCE, AND REAL ESTATE	7.2	7.2	7.1	- .1	1.6
SERVICES	41.0	41.1	39.7	- .2	3.2
GOVERNMENT	24.6	24.0	24.4	2.3	.8
Local government (includes education)	18.7	18.6	18.6	.8	.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1982 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
NOVEMBER 1983

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	November 1983[b]	October 1983[c]	November 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]	Nov. 1983[b]	Oct. 1983[c]	Nov. 1982[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$546.69	$552.26	$461.34	43.7	43.9	39.6	$12.51	$12.58	$11.65
Durable Goods[d]	563.64	569.30	474.01	44.0	44.2	39.6	12.81	12.88	11.97
Stone, clay, and glass products	365.31	367.43	340.56	40.1	40.6	39.6	9.11	9.05	8.60
Primary metal industries	532.52	541.44	489.72	40.9	41.3	37.7	13.02	13.11	12.99
Blast furnace and basic steel products	497.14	488.58	495.72	38.9	38.2	36.0	12.78	12.79	13.77
Fabricated metal products	651.75	649.07	458.25	47.4	47.0	39.2	13.75	13.81	11.69
Fabricated structural metal products	453.68	419.05	379.08	42.8	40.1	39.0	10.60	10.45	9.72
Machinery, except electrical	447.37	437.72	460.60	38.6	37.8	39.1	11.59	11.58	11.78
Metalworking machinery	448.72	436.18	502.49	40.1	38.6	41.7	11.19	11.30	12.05
Electric and electronic equipment	410.69	415.33	397.85	41.4	41.7	41.4	9.92	9.96	9.61
Transportation equipment	706.22	729.81	608.62	51.7	53.0	47.4	13.66	13.77	12.84
Nondurable Goods[e]	363.80	353.28	350.06	41.2	40.1	39.6	8.83	8.81	8.84
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	521.04	560.13	562.91	33.9	35.7	36.2	15.37	15.69	15.55
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	475.99	482.73	439.79	40.1	40.6	39.8	11.87	11.89	11.05
WHOLESALE TRADE	334.88	328.13	310.10	36.4	35.9	36.1	9.20	9.14	8.59
RETAIL TRADE[f]	167.87	168.13	157.14	29.4	29.6	29.1	5.71	5.68	5.40
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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